

# KEEPS ON DRILLING WHEN OTHERS GIVE UP



## SPIRAL SUB

THE HARLSAN SPIRAL SUB IS A HIGHLY EFFECTIVE COMBINATION OF DIG OUT AND STABILISER SUB WHICH CAN INCREASE THE ACCURACY AND EFFICIENCY OF DRILLING PROGRAMS. THIS UNIQUE PRECISION SUB HAS ENABLED MANY OF OUR CUSTOMERS TO ACHIEVE DRILLING RESULTS THAT WERE OTHERWISE UNOBTAINABLE.

### A NEW LEVEL OF ACCURACY

Harlsan have utilised precision manufacturing technologies to perfectly combine the roles of dig out and stabiliser subs. The spiralling hard faced wear pads track an exact curve around the body of the sub. The preciseness of the spiral enables a stability and accuracy during drilling operations that just isn't obtainable with other subs. Results from extensive operational testing show the Harlsan spiral sub is an essential addition to your drill string in maximising accuracy.

### WORKING WITH YOU

Since 1992 Harlsan has been working directly with drillers and has built a reputation for outstanding quality, service and innovation in the manufacture and distribution of RC Drilling consumables.

By investing in the latest equipment and technology Harlsan continues to deliver the gear to keep you drilling every time.

### KEY FEATURES AND BENEFITS

- Keeps drill holes on target
- Reduces drill string chatter
- Precision geometric spiral arc hard facing
- Accurate diameter on entire sub length
- Rugged Australian made wear resistant design
- Talk to the Harlsan team for customised options



**“WHILE DRILLING 360M DEEP RC PRECOLLARS WE EXPERIENCED PROBLEMS WITH DEVIATION OF MORE THAN 5 DEGREES AT END OF HOLE. THE HARLSAN SPIRAL SUB DRAMATICALLY IMPROVED ACCURACY, ENABLING US TO KEEP THE HOLES WITHIN 1-2 DEGREES.”**

John Bartle  
Kennedy Drilling

### TECHNICAL SPECIFICATIONS

	Remet		Metzke		RRE	
4" Dia.	500mm	1000mm	500mm	1000mm	500mm	1000mm
4 ½" Dia.	500mm	1000mm	500mm	1000mm	500mm	1000mm

## YOU CAN DEPEND ON US

For pricing, immediate supply or customised orders call **(08) 9021 1288** (+61 8 9021 1288 international).

See our complete range of precision-made Reverse Circulation drilling products at [www.harlsan.com.au](http://www.harlsan.com.au)

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KEEPS YOU DRILLING



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